

642-550

Reel[#] 62

Effectiveness of the Sulphuric Acid-Mechanical
Method of Delinting Seed Against Gummosis, by A. A.
Babayan, K. A. Khachatryan, 3 pp.

RUSSIAN, 10 times yr per, Dok Akad Nauk Armenskoi
SSR, Vol VII, No 10, Oct 1954, pp 57-64.

SLA Tr R-122

Sci - Biol
Apr 1957

46,230 Jan 1957

(FDD 25932)

Non simultaneous Shifts in the Coagulation of Blood
During Conditioned-Reflex Excitation and Inhibition,
by K. G. Karagezyan, 10 pp.

RUSSIAN, 10-times-yr per, Dok Ak Nauk Armenian SSR,
Vol XX, No 1, Yerevan, Jan 1955, pp 21-32.

CIA/FDD/U-7689

USSR

Sci - Medicine, hematology

31,605

Jan 56 CTS

On Increasing the Sensitivity of Radio Telescopes,
G. M. Tovmasyan.

RUSSIAN, per, Dok Ak Nauk Azmen. SSSR, Vol XXV,
No 3, 1957, pp 107-116.

MIT Lincoln Lab

Sci - Electron

Apr 58

41,499

Centralized Disinfection of Cotton Seed in Armenia
and Tests of Some New Disinfectants, by A. A.
Babayan, K. A. Karapetian, 3 pp.

RUSSIAN, p 10 times yr per, Dok Akad Nauk Armenskoi
SSR, Vol VII, No 5, pp 15-25.

SLA Tr R-121

Sci. - Biol
Apr 1957

Jan 1957
46, 229

Bending of a Prismatic Beam Under Conditions of
Non-Stationary Creep, by U. Zhui-Fyn, 14 pp.

RUSSIAN, per, Dok Ak Nauk Armenian SSR, Vol XXX,
No 3, 1960, pp 139-149. 9683114

DDC RSIC-4

Sci - Phys
Jun 63

The Rate of Movement of River-Bed Silts, by
I. V. Eghiazarov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk Armavanskoy
SSR, Vol XI, No 4, 1950, pp 119-122.

Sci Mus Lib Tr 56/3779

Sci - Physics
May 57 CTB/sex

47,508

Localization of Larvae of *Millerius Capillaris*,
Cystocaulus Nigrescens, and *Synthetocaulus* spp.
in Mollusks and Mechanism of Their Escape From
the Feet of the Latter, by E. A. Davtian.
RUSSIAN, per, Dokl. Akad. Nauk Armianskoy SSR,
Vol 6, No 1, 1947, pp 23-26.
HEW NIH 5-3-66

Sci/B&M
Jun 66

303,745

S-2716

RUSSIAN, per, Dok Ak Nauk Armyan SSR, Vol XVI,
No 4, 1953, pp 103-107.

(FDD 27583)

Research in the Synthesis of Derivatives of
p-Alkoxybenzoic Acids. Report I. -Methyl-
Dimethylamine Propyl Ethers of p-Alkoxybenzoic
Acids and Their Quaternary Salts, by A. L.
Mnizhoyan, V. G. Afrikyan, A. A. Dokhikyan, A. N.
Oganesyan, 7 pp.

Russian, ten times yr per, Dok Ak Nauk Armyanskoy
SSR, Vol XVIII, No 1, Yerevan, 1954, pp 7-10

S. L. A. R-311
CIA/FDD U-8319

35,269

USSR

Sci - Chemistry

May 56

Observations of Solar Radiation Conducted During the
Eclipse of 30 June 1954, in Byurakan, by V. Sanamyan,
G. A. Yerzhikyan, 5 PP.

RUSSIAN, per, Dok Ak Nauk Armianskoy SSR, Vol XX, No 1
1955, PP 161-164.

ATTC MCL-236/III

9659489
134, 605

Sci - Astron

Dec 60

Zadoran, M.A.
R LE PROBLÈME DE L'ÉTAT LIMITE DES BLOCS
S BETON (The Ultimate Stress State of Concrete
els), 9p. 3ref., CNRS-XV 72.
der from OLS. ETC or CNRS 51.10 TT-62-28203

anks in French of Akademiya Nauk Armyanskoi SSR
evn. Dzhaly. 1957, v. 24, no. 5, p. 191-199.

SCRIPTIONS: Concrete. Heating. Cooling. Pressure,
resses, Tension.

aterials, TT, v. 11, no. 8)

TT-62-28203

- I. Zadoran, M.A.
- II. CNRS-XV 72
- III. Centre National de la Recherche
Scientifique, Paris

Office of Technical Services
European Translation Centre

63-14900

Ambartsumyan, V. A. and Shakhbazyan, R. K.
MULTIPLE GALAXIES AND RADIOGALAXIES.
REFT. 2. PAINT BLUE TAILS AND SATELLITES OF
THE ELLIPTICAL GALAXIES. [1963] 13p. 6 refs.
Order from OTS or SLA \$1.60 63-14900

I. Ambartsumyan, V. A.
II. Shakhbazyan, R. K.
III. Title: Paint ...

Trans. of [Akademiya Nauk Armyanskoi SSR, Erevan.
Doklady] 1957, v. 25, no. 4 [p. 185-192].

DESCRIPTORS: *Galaxies, *Satellites, Optical proper-
ties, Continuous spectrum, Brightness, Colors,
Spectrographic analysis, Astrophysics.

(Astronomy--Astrophysics, TT, v. 10, no. 4)

Office of Technical Services

On Raising the Sensitivity of Interference Radio
Telescopes II, by G. M. Tovmasyan, 14 pp.

RUSSIAN, per, Dok Ak Nauk Armianskoy, SSR, Vol XVI,
No 1, 1958, pp 11-20.

SLA 59-10494

SCI - Electronics

Sep 59

Vol II, No 2

100,271

Genesis of Interstellar Neutral Hydrogen and of
the Galactic Cepheids, by G. Badalyan.

RUSSIAN, per, Dok Ak Nauk Armyanskoy SSR,
Vol XLVII, No 1, 1958, pp 13-22.

CSIRO Tr 5085

Sol. - Russian.

Jun 61

157,850

Cyclic Trimerization of Phenylacetylene, by V.
D. Azatyan, 5 pp.

RUSSIAN, per, Dok Ak Nauk Armzianskioy SSR,
Vol XXVII, 1958, pp 37-39.

SIA 59-15626

Sci
Dec 59
Vol. 2, No 4

102, 732

The Mechanism of Acetylene Polymerization, by S. A.
Vartanyan et al.

RUSSIAN, per, Dok Ak Nauk Armyan SSR, Vol XXVII, No 2,
1958, pp 81-85.

ATS RJ-1674

Sci - Chem

Jul 59

90, 850

Correlation Between the Distribution of Galactic
Cepheids and of Neutral Hydrogen, by G. Badalyan.

RUSSIAN, per, Dokl Ak Nauk Armyanskoy SSR,
Vol XXVII, No 3, 1958, pp 145-147.

OSIRO Tr 5087

Sci - Astron

Jun 61

157, 8 5

SWELLING PRESSURE OF COMPRESSED PINE SAPWOOD, BY
G. A. ARTUMANYAN.

RUSSIAN, PER, DOK AK NAUK ARMYANSKOY SSR, VOL XXVII,
NO 4, 1958, PP 251-256.

NLL M. 6362

CSIR.O 5740

SCI - BIOL

OCT 62

214,796

Effect of Compressing Wood on Its Resistance
to Wood-Destroying Fungi, by G. A. Arzumanyan.

RUSSIAN, per, Dok Ak Nauk Armyanskoy SSSR,
Vol XXVIII, 1959, pp 183-186.

NLL Ref: 9022.093 1963 (6381) (loan)

May 64

Contribution to the Knowledge of Experimental
Recessive Traits of Bombyx mori, by R. N.
Sarikasov.

RUSSIAN, per, Dok Ak Nauk Armazani SSR, vol
AKIA, No 3, 1959, pp 133-136. 909 #11

USDA Tr 11-12-59

177.296

Sci - Med

Dec 61

Bending of a Prismatic Beam Under Conditions
of Non-Stationary Creep, by U. Zhui-Pyn.

RUSSIAN, per, Dok Ak Nauk Armyanskoy SSR,
Vol. XXX, No 3, 1960, pp 139-149.

Army Materiel Command
FLRS Tr Log No 109

Sci - Phys
Apr 63

230,777

(NY-5150)

On the Dispersing Properties of a Medium in the
Presence of Very High Densities and Temperatures,
by G. S. Saakyan, 14 pp.

RUSSIAN, per, Dok Ak Nauk Armyanskoy SSR, Vol. XXV,
No 4, 1960, pp 211-215, (Report IL).

JPRS 5980

Sci - Phys

Dec 60

134,333

Creep of a Concrete Plate Subjected to
the Action of Gamma Radiation, by M. A.
Zadayan.

RUSSIAN, per, Doklady Akad Nauk Armjanskoi
SSR, 1960, Vol 30, No 5, pp 257-263.
NLL RTS 2450 (On Loan or Purchase)

CFSTI IT 64-19941

Aug 65

287,018

About one group of the suspected variables of
the Type T - Taurus, by G. S. Badalyan, 7 pp.

RUSSIAN, per, Dok Ak Nauk Armyanskoy SSR,
Vol XXXI, No 5, 1960, pp 261-265. 9676989

MEM

AFCHL Rec Lib
E-T-R-61-8

Sci - Astron
Jun 62

200, 941

(SF-2017)

The Interaction of the Afferent Systems of the
Cerebellum, by V. V. Finardzhyan, 5 pp.

RUSSIAN, per, Dok Ak Nauk Armyanskoy SSR, Vol XXXII,
No 2, 1961, pp 123-127.

JPRS 12216

Sci - Med

Feb 62

182,749

Nalbandyan, A. B. and Gorban', N. I.
DETERMINATION OF THE RATE CONSTANT FOR
THE REACTION $H+CH_4 \rightarrow H_2+CH_3$ (Opredelenie Kon-
stanty Skorosti Reaktsii $H+CH_4 \rightarrow H_2+CH_3$). [1962]
[7]p. 8 refs.
Order from OTS or SLA \$1.10 63-15456

Trans. of Akademiya Nauk Armyanskoi SSR
[Brevun]. Doklady, 1961, v. 33, no. 2, p. 49-52.

DESCRIPTORS: *Hydrogen, *Methanes,
*Formaldehyde, Ignition, Oxidation, Reaction
kinetics, Chemical equilibrium, Heat of activation.

(Chemistry--Physical, TT, v. 10, no. 6)

63-15456

I. Nalbandyan, A. B.
II. Gorban', N. I.
III. O'Callaghan, T. C.,
Associates,
Washington, D.C.

Office of Technical Services

Activity of Carbohydriase in the ~~nk~~ Soil, by
A. Sh. Galstyan.
RUSSIAN, per, Dok Ak Nauk Armyanskoj SSR,
Vol XXXII, No 2, 1961, pp 101-104.
NZDIA

Sci - E/M
Apr 64

257,241

Interaction Between Leaves of Different Nodes and the Root
System in the Aminoacid Metabolism of Tobacco Plants,
by E. Avundzhyan, 9 pp.
RUSSIAN, per, Dok Ak Nauk Armyanskoy SSSR, Vol XXXIII,
No 2, 1961, pp 79-82.

CSIRO/No 6162
OTS, SLA n ETC TT-63-24068

Sci - Biol

Feb 64

250,335

Distribution of Neutral Hydrogen and Classical Cepheids in
the Magellanic Clouds, by G. Badalyan.
RUSSIAN, per, Dok Ak Nauk Armyanskoi SSR, Vol XXXV,
No 1, 1962, pp 21-31.

CSIRO/No 6437

Sci - Earth Sci

Feb 64

250,146

Effect of Strophanthin on the Activity of the
ATPase of the Kidneys, by A. S. Oganesyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Armenistoy SSSR,
Vol XXXV, 1962, pp 177-180.

HM 7-47-63

Sci - Biol & Med
Sep 63

344,292

Transition Radiation from a Particle taking
into Account the magnetic charge, by G.S.
Mergelyan.
RUSSIAN, pr, Akademiya Nauk Armyanskoi SSR.
Doklady., vol. 36, no. 1, 1963, pp. 17-21.
NTC 70-16935-200

Degradation and Thermal Aging of
Polychlorophene Rubber, by
H. M. Kocharyan, et al.
RUSSIAN, per, Doklady Akademii Nauk
Armianskoy SSR, Vol 36, No 2, 1963,
pp 83-87.
*NASA DT F-11,801

Sci/Math
Oct 68

Some Questions About the Noise Stability of the
Functions of Algebra of Logic, 8 pp.
RUSSIAN, per, Dok Ak Nauk Arm SSR, Vol. XXXVI,
No 3, 1963, pp 147-151. 9695258
FTD-TT-64-675

Sci - Math
Nov 64

269,445

About a Certain Problem of the Nonlinearly
Creeping Conical Shell of Revolution, by
R. M. Kirakosyan, 9 pp.
RUSSIAN, per, Dok Ak Nauk Arm SR, Vol XXXVII,
No 3, 1963, pp 151-156. 9694830
FTD-TT-64-200

Sci - Phys
Oct 64

267,682

~~Enter~~

Detection of Signals in a Stream of Pulses,
by R. V. Ambartsunyan, 7 pp.
RUSSIAN, per, Dok AN ARMSSR, Vol XXXVIII,
No 2, 1964, pp 71-76. 9697353
FTD-TT-42-42
65-

Sci-Math
Jul 65

263,548

Oscillation of an Orthotropic Tapered S
Shell in a Variable Temperature Field,
by S. A. Ambartsumyan, S. H. Dargar'yan,
8 pp.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol XXXVIII,
No 2, 1964, pp 87-92. 9697080
FTD-TT-64-1153

Sci-Phys
Jun 65

282,213

High Level Path of High Energy Ions in
the Atmosphere, by Kh. P. Babyan.
RUSSIAN, per, Akademika Nauk Arizantini SSSR.
Doklady., vol. 38, no. 2, 1964, pp. 151-154.
NTC 70-17004-201

High Level Path of High Energy Nucleons
in the Atmosphere, by Kh. P. Babayan,
N. L. Grigorov.
RUSSIAN, per, Doklady Akad Nauk ArmSSR,
Vol 38, No 2, pp 101-104, 1964
AEC ORNL-Tr-690 9230186

Sci-ES&A
Nov 65

291,631

Flutter Plates Situated in the Field
of Temperature Action, by S. A. Ambartsunyan
G. Ye. Bagdasaryan, 10 pp.
RUSSIAN, per, Doklady AN ARMSSR, Vol XXXIX,
No 3, 1964, pp 141-147. P100066367
FTD TT 65-2005

Sci-Phys
Mar 67

320,438

Temperature Dependence of Frequency and Emission
Width of the R_1 Line of Ruby, by
M. Ye. Movsesyan, Yu. S. Chilingaryan. 5 pp.
RUSSIAN, per, Doklady Ak Nauk ARSSR, Vol 39,
No 4, 1964, pp 217-219. P100051766
FTD-TT-65-2006

Sci/Earth Sci
Oct 66

311,455

Effect of the Degree of Elongation of
Polymethylmethacrylate on the Magnitude
of the Second Moment of the Nuclear
Magnetic Resonance Spectrum, by

N. M. Kocharyan.

RUSSIAN, per, Doklady Ak Nauk ARSSR,
Vol 40, No 1, 1965, pp 25-29.

*FTD-TT-65-2007

USSR

Sci/Nuclear Sci

Jan 66

Surges of Considerable Stratospheric Temperature
Fluctuations over Armenia, by G. D. Zubyan. 10 pp.
RUSSIAN, per, Doklady AN ARSSR, Vol 42, No 3,
1966, pp 159-165.
AIR/FTD/MT-24-111-68

Sci/Atmosphericci
Feb 69

375,590

The Reduction of the Solution of a Game of Pursuit
for Survival Payoff to the Solution of a Cauchy
Problem for a First Order Partial Differential
Equation, by L. A. Petrosyan, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk Armyanskoi SSR,
Erevan, Vol 60, No 4, 1965, pp 193-198.

313,202

Sol -
Oct 66

KOOZHOYAN, A.A. Characteristics of the internal texture
colloform sphalerite.
Dokl.Akad.Nauk.Armenian SSR 43(1):45-50 (1966)
(CRL/D. 920)

Measuring the Power Characteristics of a Laser
Amplifier, by A. L. Mikayelyan, et al.

RUSSIAN, per, Doklady AN ArmSSR, Vol 43, No 3,
1966, pp 133-137.

*FTD-HT-23-1439-67

Sci/Physics

Nov 67

Some Problems in the Zero-Moment Theory of
Shells Made of Materials with Different
Moduli, by S. A. Ambartsunyan and A.A.Khachtryan,
7 pp.

RUSSIAN, per, AN ArmSSR. Doklady, Vol 43, No 4,
1966, pp 198-204.

AIR/FTD/HT-23-1091-67

Sci-Physics
Nov 68

366,263

Experimental Research on the Passage of
Light Pulses Through a Resonant Medium,
by R. B. Kostanyan, P. S. Pogosyan.
RUSSIAN, per, Doklady AN ArmSSR, Vol 43,
No 5, 1967, pp 268-271.
AIR/FTD/HT-23-1583-67

Sci-Phys
Feb 69

374,392

Investigation of the Piezoeffect of Polymethyl-
methacrylate, by N. M. Kocharyan, Kh. B.

Pachadzyan.

RUSSIAN, per, Dok. AN ARM SSR, Vol 44, No 3,
1967, pp. 111-114.

NLL Ref: 9091.9f (WH Trans 237)

sci-chem
sept 69

391,050

The Angular Distribution of High-Energy Electron
Bremsstrahlung on a Diamond Crystal, by

R. O. Avakyan, A. A. Amaganyan, et al. 7 pp.

RUSSIAN, per, Doklady AN ARUSSR., Vol 45, No 1,
1967, pp 3-7.

AIR/PTD/AT-23-1209-68

sci/ physics
nov 69

397,041

G. M. Arutyunyan

Interaction of a shock wave with a wedge. 11 pp.

RUSSIAN, Doklady AN ARMSSR, Vol 46, No 4, 1968,

pp 160-167

AIR/FTD-MT-24-321-72

oat 72

NTC 72-12069-2014

REC (BNL-tr-462) EFFECT OF MULTIPLE SCATTERING
ON THE 250 TO 600-MeV ELECTRON RADIATION IN LAMINAR
MEDIA. Arutyunyan, F. R. Translated by S. J. Amorelly
(Brookhaven National Lab., Upton, N. Y.), from Dokl. Akad. Nauk
Arm. SSR, 48: No. 1, 32-5(1969). 8p. Dep. NTIS.

25

26 physics; translations 27 20

28 MN-34 29 P NSA

Critical Level of Groundwater That Salinizes
Soil, by V. Volobuyev.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanakoy SSR,
Vol II, No 8, 1986, pp 332-335.

CSIRO Tr 5002

Sci - Geophys

Jun 61

157,789

A New Instrument for Measuring the Heat
Conductivity of Liquids and Vapors at High
Temperatures and Pressures, by A. K. Abas-Zade,
7 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhani SSR,
Vol III, 1947, pp 3-7

ABC Tr 3796

Sci - Engr

Oct 59

99,535

61-28213

Volobuev, V. R.
"AMELIORATIONAL" SOIL TYPES (O Meliorativnykh
Tipakh Zemel') in: by E. Feigl. [1961] (foreign text
included) [10] p. 6 refs. [CSIRO] Trans. 5298.
Order from OTS or SLA \$1.60 61-28213

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Doklady, 1951, v. 7, no. 12, p. 565-570.

DESCRIPTORS: *Soils, Classification, Moisture, Hy-
drology, Salts, Erosion, USSR.

- I. Volobuev, V. R.
- II. CSIRO Trans-5298
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

190500

(Agriculture--Plant Cultivation, TT, v. 6, no. 11)

Office of Technical Services

Activated Silica From Serpentine as an
Adsorbent for the Separation of Aromatic
Hydrocarbons From Petroleum Fractions, by
V. S. Gutyrya.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhan SSR,
Vol. X, No 1954, pp 3-10.

Assoc Tech Sv RJ-219
\$13.60

Scientific - Chemistry
CTS 73/Oct 1955

Fields 27500

(FDD 26092)

The Effect of the Stimulation of the Interoceptors of
the Bladder, and Rectum on Intramuscular Pressure, by
A. I. Karayev, A. M. Mamedov, 12 pp.

AZERBAIDZHANI, no per Dok Ak Nauk Azerbaydzhani SSR,
Vol X, No 4, Baku, 1954, pp 297-302.

CIA/FDD U-8249

35, 298

USSR

Sci - Medicine

May 56

Catalytic Dehydrogenation of the Isopertane
Fraction, by Yu. G. Mamedaliev, et al.

RUSSIAN, thrice-no per, Dok Ak Nauk Azerbaydshan
SSR, Vol XI, No 1, 1955, pp 13-19.

Assoc Tech Sv

RJ-575

\$6.15

52, 232

Sci - Chem
Sep 57

Synthesis and Properties of Linear and
Branching Hydrocarbons, by A. H. Peter,
 10 pp.

RUSSEIAN, per, Dok Ak Nauk Azerbaydzhansk SSR, No 11,
 1985, pp 747-754, Encl to IR-1045-50; AFON-111.

AID
 AF 1045529

43,057

USSR
 Sci - Chemistry, Diesel and Kerosene Fuels
 Jan 59 CTS

63-17269

Mamedaliev, Yu. G., Dalin, M. A., and
Shikhmamedbekova, A. Z.

CATALYTIC DEHYDROGENATION OF ISOPENTENE
TO ISOPRENE. [1963] 12p.

Order from K-H \$12.00

K-H 10010 a

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku].
Doklady, 1955, v. 11, no. 12, p. 811-817.

DESCRIPTORS: *Isoprene, *Pentenenes, Molecular struc-
ture, *Catalysts, *Dehydrogenation.

I. Mamedaliev, Yu. G.

II. Dalin, M. A.

III. Shikhmamedbekova, A. Z.

IV. K-H-10010-a

V. Kresge-Hooker Science

Library Associates,

Detroit, Mich.

(Chemistry--Organic, TT, v. 10, no. 2)

Office of Technical Services

Occurrence of Instability in Normal Combustion,
by K. A. Karasharly, et al, 6 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR,
Baku, Vol XI, No 12, 1955, pp 819-823.

SIA 59-22673

Sci

OTS, Vol III, No 7

133, 085

Nov 60

^c
Effect of Impregnation of Wood on the Blunting of
Cutting Tools, by K. N. Khramov, 3 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaid SSR, Vol XI, No
12, 1955, pp 857-859.

SLA R-3645

Sci

Aug 59

95,421

Concerning One Axially Symmetric Loading of an
Elastic Half-Space, by A. A. Mustafayev, 9 pp.

RUSSIAN, per, Dok Ak Nauk Azerbayizhanskoy SSR,
Vol XII, No 5, 1956, pp 319-324.

CIA/FDD X-3081

Sci - Phys
Oct 58

74, 871

Mamedaliev, Yu. G., Dalin, M. A. and others.
CATALYTIC DEHYDROGENATION OF ISOPENTENES
TO ISOPRENE. [1963] 11p.
Order from K-H 511.00

K-H 10010-b

Trans. of Akademiya Nauk Azerbaidzhanekol SSR
[Baku]. Doklady, 1956, v. 12, no. 8, p. 547-552.

DESCRIPTORS: *Isoprene, *Pentenes, Molecular structure, *Catalysts, Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

63-17268

- I. Mamedaliev, Yu. G.
- II. Dalin, M. A.
- III. K-H-10010-b
- IV. Kresge-Hooker Science
Library Association,
Detroit, Mich.

Office of Technical Services

Kirichenko, A. N. FAUNA OF BINAGADY KIR-BEARING STRATA: TRUE HEMIPTERA. [1961] 2p. 2 refs. Order from OTS or SLA \$1.10 Trans. of <u>Akademiyu Nauk Azerbaydzhanakoy SSR</u> [Baku] <u>Doklady</u>, 1956, v. 12, no. 8, p. 563-564. DESCRIPTORS: *Paleoecology, *Triatoma, *Bitumens. (Earth Sciences--Geology, TT, v. 6, no. 2)	61-14730 I. Kirichenko, A. N. II. Title: True... 16871- Office of Technical Services
--	--

Abdullaev, G. B., Akhundov, G. A. and Aliev, M. G.
ÜBER DEN MECHANISMUS DES STARKFELDEFFEKTES IN p-n-ÜBERGANGEN (On the Mechanism of the Strong Field Effect in p-n-transitions). (text in German).

Order from T.I.B. \$1.55

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku]. Doklady, 1956, v. 12, no. 11, p. 787-791.

DESCRIPTORS: *Mechanisms, *Transition elements.

62-27178

- I. Abdullaev, G. B.
- II. Akhundov, G. A.
- III. Aliev, M. G.
- IV. T. I. B.
- V. Technische Informationsbibliothek Hannover

Office of Technical Services

(Physics--Solid State, TT, v. 8, no. 10)

Shamsiev, A. A.
ON THE DRILLING RESISTANCE OF ROCKS (O
Burimosti Porod). [1962] [6]p. (foreign text included).
Order from OTS or SLA \$1.10 62-16668

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku].
Doklady, 1957, v. 13, no. 8, p. 843-845.

DESCRIPTORS: *Rock, Mechanical properties, *Well
drilling, Drilling fluids, Clay, Density.

An analysis shows that the drilling resistance of rock
depends to a considerable degree on the conditions of
occurrence of the rock and the specific gravity of the
clay suspension used. An increase in the specific grav-
ity of the clay suspension leads to a considerable de-
crease in the mechanical rate of sinking of the well and
a relatively greater degree of wear of the bit, owing to
the fact that the bit must overcome a greater degree of
(Earth Sciences--Geology, TT, v. 9, no. 3) (over)

62-16668

I. Shamsiev, A. A.

Office of Technical Services

Akhundov, G. A. and Abdullaev, G. B.
UBER DIE DIFFUSION VON KADMUM UND ZINN
IN EINER Cd-Sn-LEGIERUNG. (On the Diffusion of
Cadmium and Tin in a Cd-Sn-alloy). (text in German).
Order from T. I. B. \$1.40

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Doklady, 1958, v. 14, no. 2, p. 103-104.

DESCRIPTORS: Diffusion, *Cadmium, *Tin, Alloys

62-27187

- I. Akhundov, G. A.
- II. Abdullaev, G. B.
- III. T. I. B.
- IV. Technische Informations-
bibliothek Hannover

Office of Technical Services

(Chemistry-Physical, TT, v. 8, no. 10)

62-16429

I. Kuliev, I. P.

Kuliev, I. P.
ON THE DESIGN OF OFFSHORE OIL-FIELD HYDRAU-
LIC STRUCTURES OF OPEN CONSTRUCTION ON
THE BASIS OF THE EFFECT OF SEA WAVES
(O Raschete Morskikh Neftepromyslovykh Gidrotekh-
nicheskikh Sooruzhenii Skvoznoi Konstruktsii na
Deistvie Morskikh Voln), [1962] [9]p. (foreign text in-
cluded) 3 refs.
Order from OTS or SLA \$1.10

62-16429

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Doklady, 1958, v. 14, no. 4, p. 287-290.

DESCRIPTORS: *Marine engineering, Design, Petro-
leum, Sources, *Hydraulic systems, *Structures,
Water waves.

(Mechanics--Hydraulics, TT, v. 9, no. 10)

Office of Technical Services

Structural-Group Composition of Aviation Kerosenes
Obtained From the Thermal Cracking of Mazut, by
Ikk M.F. Nagiyev, L.I. Tryapin.

RUSSIAN, per Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol XV, No 2, 1959, pp 119-123. CIA 9660740

ATTC MCL 608

Sci - Fuels

May 61

DC-4 wire

152,565

Investigation of a New Way of Extracting Oil, by
the "Thermo-Lift" Method, by M. E. Alizade,
E. A. Bagbanly, A. A. Rasulzade, D. M. Mekhtiev,
5 pp. UNCL

RUSSIAN, per, Dok Ak Nauk ⁹⁶ Azerbaidzhanakoy SSR,
No 2, 1959, pp 131-134.

IAU Tr Bul Aug 1959

Sci - Engr

Aug 59

96,608

Maximum Value of Back Pressure on Rock Strata
Having Caving Tendencies in Drilling, by A. A.
Shamsiev,

RUSSIAN, per, Dok Ak Nauk Azerbaidzhan SSR,
Vol XV, No 8, 1959, pp 681-683.

ATS 2312-RJ

Sci - Engr

Sep 60

124,899

Determination of the Heat Capacity of Some Petrol-
eum-Base Lubricating Oils, by A. K. Abaszade,
R. A. Mustafaev.
RUSSIAN, per. Dokl Akad Nauk Azerb SSR, Vol 15,
no 9, 1959, pp 775-779.
ATS-AZ-4834

Sci
Dec 68

353.880

Trivus, N. A.
EQUILIBRIUM CONSTANTS OF LIGHT PARAFFINIC
HYDROCARBONS AND OF CO₂ IN SYSTEM PURE
GAS-PETROLEUM. 1960, 7p. 8 refs.
Order from OTS or SLA \$1.10

61-14957

Trans. of Akad[emiya] Nauk Azerbaydzhan[skoy] SSR,
Baku. Doklady 1959, v. 13, no. 9, p. 781-786.

DESCRIPTORS: Chemical equilibrium, Hydrocarbons,
Carbon dioxide, *Petroleum, Methanes, Solubility.

An experimental determination was made of equilibrium
constants for methane and its homologs in the system
with petroleum from apsheronian deposits.

(Engineering--Chemical, TT, v. 6, no. 2)

61-14957

I. Trivus, N. A.

109712

Office of Technical Services

61-27332

I. Translations, New York

STUDY OF PRESSURES OF SATURATED VAPORS
OF COMPOUNDS OF THE Ti-Se SYSTEM, USING
RADIOACTIVE ISOTOPES. [1961] [2]p.
Order from OTS or SLA \$1.10

61-27332

Partial trans. (Summary) of Akademiya Nauk Azerb-
[aidzhanskoi] SSR, Baku. Doklady, 1959, v. 15, no. 10
p. 891-895

DESCRIPTORS: *Selenides, *Titanium compounds,
*Vapor pressure, Radioactive isotopes

(Chemistry--Physical, TT, v. 6, no. 9)

Office of Technical Services

The Effect of Lithium Implants on the Self-Diffusion of Selenium, by B. D. Aliyev,
G. B. Abdullayev,
RUSSIAN, per, Dok Ak Nauk Azerb SSR, Vol XV,
No 10, 1959, pp 897-899.
ATS RJ-4714

Sci-Phys
Jul 67

329,143

(pp. 65/103).

On the Modern Glaciation of Bazar Duzi, by B. A.
Budagov, et al.

RUSSIAN, per, Dok. Ak. Nauk Azerbaydzhanstoy SSR,
Vol. XVI, No 1, 1960, pp 29-32.

IGC, No 121

Sci - Geophys, Space Res
May 60

115 984

Heat Conduction of Indium Antimonide in a
Magnetic Field, by D. Kh. Amirkhanova
RUSSIAN, per, Akademiya Nauk Azerbaidzhanskoi SSR.
Doklady, Vol 16, No 2, 1960, pp 121-125
NTC 71-16523-20H

mar 72

Rasizade, Ya. M.
THE "WEDGE EFFECT" FOR A VISCOPLASTIC
FLUID. [1961] 3p.
Order from ATS \$6.00

ATS-59M46R

Trans. of Akademiya Nauk Azerbaydzhan[skoy] SSR
[Baku]. Doklady, 1960 (v. 16) no. 5, p. 443-445.

61-22248

- I. Fluid flow--Viscosity
2. Title: Wedge effect
- I. Rasizade, Ya. M.
- II. ATS-59M46R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

160914

Office of Technical Services

(Mechanics--Hydrodynamics, TT, v. 5, no. 12)

Dzhallilov, K. N. and Gulamov, Kh. A.
UNSTEADY-STATE FLOW OF LIQUIDS AND GASES
TO WELLS PARTIALLY PENETRATING NONHOMO-
GENEOUS FORMATIONS. [1961] 6p.
Order from ATS \$6.75

ATS-60M46R

Trans. of Akademiya Nauk Azerbaydzhan SSR
[Baku], Doklady, 1960, v. 16, no. 5, p. 447-451.

61-22220

1. Fluid flow--Physical factors
2. Gas flow--Physical factors
- I. Dzhallilov, K. N.
- II. Gulamov, Kh. A.
- III. ATS-60M46R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

160901

Office of Technical Services

(Materials--Fuels, TT, v. 5, no. 12)

61-22233

Abas-Zade, A. K.
CERTAIN MOLAR THERMAL PROPERTIES ON THE
LIQUID STATE. [1961] 5p.
Order from ATS \$6.00

ATS-65N49R

Trans. of Akademiya Nauk Azerbaydzhan[skoy] SSR
[Baku]. Doklady, 1960, v. 16, no. 7, p. 643-646.

1. Liquids--Thermal properties
2. Organic compounds--Heat transfer
- I. Abas-Zade, A. K.
- II. ATS-65N49R
- III. Associated Technical Services, Inc., East Orange, N. J.



(Physics--Thermodynamics, TT, v. 5, no. 12)

Mekhtiyev, S. D. and Guseynov, M. G.
TRANSFORMATION OF XYLENES INTO DINITRILES
OF PHTHALIC ACIDS. [1961] 4p.
Order from ATS \$5.45

ATS-23N49R

Trans. of Akademiya Nauk Azerbaydzhan [skoy] SSR
[Baku]. Doklady, 1960, v. 16, no. 7, p. 655-658.

61-22239

1. Xylenes--Chemical reactions
2. Cyanides--Synthesis
3. Phthalic acids--Synthesis
- I. Mekhtiyev, S. D.
- II. Guseynov, M. G.
- III. ATS-23N49R
- IV. Associated Technical Services, Inc.,
East Orange, N. J.

ATS-RS-2930
160906

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 12)

Kalantarov, M. I.
USE OF IMPULSES OF HIGH TENSION IN
COTTON BREEDING. [1963] [5]p.
Order from OTS or SLA \$1.10 63-19049

Trans. of [Akademiya Nauk Azerbaidzhanской SSR,
Baku. [Doklady] 1961, v. 17, no. 1, p. 25-29.

DESCRIPTORS: *Cotton, *Seeds, *Electromagnetic
pulses, Electric potential, Growth.

It is shown that treatment of seed of cotton strain
1298 by high voltage impulses improves the quality
of fiber and raises yields and the percentage of
fiber in the cotton-wool.

(Agriculture--Plant Cultivation, TT, v. 10, no. 7)

63-19049

I. Kalantarov, M. I.

Office of Technical Services

(SF-1879)

The New Herbicide "Etherane-66", by
V. P. Volobuyev, 5 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanakoy
SSR, Vol XVII, No 4, 1961, pp 331-334.

JPRS 13472

Sci - Chem

192,417

Apr 62

Nagiev, M. F., Karamzin, P. V., and Stefanskaya, T. G.
DEVELOPMENT OF THE THEORY OF RECIRCULATION PROCESSES IN CHEMICAL TECHNOLOGY.
[1961] 8p.
Order from ATS \$8.85

ATS-66N56R

Trans. of Akademiya Nauk Azerbaidzhan skoi SSR
[Baku]. Doklady, 1961, v. 17, no. 6, p. 471-477.

DESCRIPTORS: *Chemistry, Theory.

RJ-3301

(Chemistry, TT, v. 7, no. 5)

62-12125

1. Title: Recirculation processes

I. Nagiev, M. F.

II. Karamzin, P. V.

III. Stefanskaya, T. G.

IV. ATS-66N56R

V. Associated Technical Services, Inc.,
East Orange, N. J.

Office of Technical Services

Kerimov, Z. G.
LONGITUDINAL OSCILLATIONS IN COLUMNS OF
DRILL PIPE. [1962] -p.
Order from ATS \$5.95

ATS-68PMOS

Trans. of Akademiya Nauk Azerbaidzhan[skoi] SSR
[Baku]. Doklady, 1961, v. 17, no. 8, p. 671-675

DESCRIPTORS: "Drills, "Pipes, Oscillation,
Vibration.

(Mechanics, TM) v. 10, no. 2

62-17259

1. Kerimov, Z. G.
II. ATS-68PMOS
III. Association of Technical
Services, Inc. East
Orange, N. J.

ATS-68-17259

Office of Technical Services

63-22586

Mamedaliev, Yu. G., Mamedaliev, G. M., Aliev, S. M., and Guseinov, N. I.
PREPARATION OF RING-METHYLATED STYRENES, α -METHYLSTYRENES AND VINYLISOPROPENYL-BENZENE BY HETEROGENEOUS VAPOR-PHASE ALKYLATION AND DEHYDROGENATION OF AROMATIC HYDROCARBONS IN A FLUIDIZED BED OF OXIDE CATALYSTS. [1963] 6p
Order from ATS

ATS-86Q71R

Trans. of Akad[emiya] Nauk Azerbaidzhan[skoi] SSR [Baku]. [Doklady] 1963, v. 19, no. 1, p. 13-18.

DESCRIPTORS: *Styrenes, Methyl radicals, Vinyl radicals, Propenes, *Benzene derivatives, Vapors, Alkylation, Dehydrogenation, Fluidized solids, *Catalysts, Oxides.

(Chemistry--Organic, TT, v. 10, no. 10)

1. Title: α -Methyl styrene
2. Title: Vinyl isopropenyl benzene
1. Mamedaliev, Yu. G.
- II. Mamedaliev, G. M.
- III. Aliev, S. M.
- IV. Guseinov, N. I.
- V. ATS-86Q71R
- VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

63-12297

Bagdasaryan, S. S.
TEMPERATURE DEPENDENCE OF HEAT OF VA-
PORIZATION AND SURFACE TENSION OF LIQUIDS.
[1962] 5p.
Order from ATS \$6. 25 ATS-98P64R

Trans. of Akad[emiya] Nauk Azerb[aidzhanskoi] SSR,
Baku]. Dokl[ady] 1961, v. 17, no. 9, p. 773-777.

DESCRIPTORS: Temperature, Thermodynamics, Heat,
*Vaporization, *Surface tension, *Liquids.

(Physics--Thermodynamics, TT, v. 9, no. 2)

I. Bagdasaryan, S. S.
II. ATS-98P64R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

S-121/64

On Determining Directions at an Epicenter
According to Love and Rayleigh Waves, by
Sh. S. Ragimov. (DC-10235)

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol XIX, No 1, 1963, pp 31-32.

*JPRS

Sci - Earth Sci & Astron
Jan 64

Degradation and Thermal Aging of Polychloroprene
Rubber, by H. M. Kocharyan.
RUSSIAN, per, Doklady Akademii Nauk Armyanskoy
SSR, Vol 36, No 2, 1963, pp 83-87.
NASA TT F-11,801

Sci
Dec 68

371,087

Determination of the Dynamic "Stress-Strain"
Curve With an Inflection Point, by

K. A. Kerimov, 5 pp.

RUSSIAN, per, Dok Ak Nauk AzerbSSR,
Vol XIX, No 4, 1965, pp 11-16.

CIA/FDB X-6091

Sci - Phys

Feb 67

317,065

Peculiarities of the Attenuation of Energy From Shallow
Earthquake FOCI, by E. M. Demikhovskaya, V. P. Kuznetsov,
11 pp.
RUSSIAN, per, Dok Ak Nauk Azerbayd SSR, Vol XIX, No 4, 1963,
pp 37-41.

JPRS 23128

Sci-Bar Sci
Feb 64

248, 457

Use of Metalloceramic Filters in a Fluidized-
Bed Adsorption Unit, by A. M. Kulyev,
A. M. Tabatabay.
RUSSIAN, per, Dokl Ak Nauk ~~ASST~~ SSR, Vol 19,
No 8, 1963, pp 31-35.
AEC ANL-Trans-571

Sci-Materials
J1 68

357,309

The Effect of Petroleum-Based Growth Stimulant on
the Productivity of Rice, by R. S. Mamedov.
RUSSIAN, per, Dokl Akad Nauk Azerb SSR, Vol 19,
No 11, 1963, pp 59-63.
AT3-AZ-4799

Sci
Dec 68

353,845

Cationic Polymerization of Nuclear-Methylated
Styrenes, α -Methylstyrenes and
Vinylisopropenylbenzenes in the Presence of $TiCl_4$.
by Yu. G. Mamedaliev, S. M. Aliev, et al.
RUSSIAN, per, Dok Ak Nauk Azerbaidzhanskoi SSR
Vol XX, No 1, 1964, pp21-26.
ATS-93R77R

Apr 67

323,018

The Effect of a Growth Stimulant of Petro-
leum Origin on the Growth and Development
of Chicks 30 to 60 Days Old,
by E. Yu. Musayev, 5 pp.
RUSSIAN, per, Dok Ak Nauk Azerbay SSR, Vol XX,
No 1, 1964, pp 69-73.

ATST12R77R

ATS-32R77R

Sci - B/M
Jul 66

305,350